



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RB H4749-1
Job Sheet 189109



Part No: RB H4749-1

Job Qty: ~~16~~ pcs *17 pcs*

Part Name: Drain Hose Body



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/18/19

Job Tracking No:

Due Date: 2/15/19

Created By: Marie Lajeunesse

Type: Stock *gold*

Description:

Note: DWG RB H4749 Rev 5A IPP Rev A 18.03.12 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	SL-154 - 1	16 pcs		2/15/19	0.00	16.00	SL-154 - 1		<i>17/02/03 / 19/2/5</i>
120	QC 2	16 pcs		2/15/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		<i>17/02/03</i>
							QC 2 - 35		
							QC 2 - 38		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 54		
							QC 2 - 56		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		<i>19/2/5</i>



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S150338



Part: RB H4749-1

Job No: 189109

Serial No/Batch: S150338

Revision: 5A

Inspector:

Exp Date:

Instructions:

Date: 02/20/19

130 QC 8	16 pcs	2/15/19	0.00 0.00	QC 2 - 8	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 38	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	B = 19-02-09
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
150 Outsource - 4 - Anodize	16 pcs	2/15/19		AT0001-VC 5	CT 19-02-11
160 Packaging 2-1 - Receive - B4B	16 pcs 17 pcs	2/15/19	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	DP FEB 20 2019
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 -	

				B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
170	QC 6	16 pcs	2/15/19	0.00	0.00
				QC 6 - 38	
				QC 6 - 42	
				QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
180	Packaging 3-1 - Stock - B4B	16 pcs	2/15/19	0.00	0.00
				Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Plex 1/18/19 10:55 AM Dart.lajeunesse.marie	

DAS
68
9-89

FEB 20 2019

DAS
28
9-89

					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
190 QC 21 - SA	16 pcs	2/15/19	0.00	0.00	QC 21 - SA - 21	DAS 21 FEB 20 2019
					QC 21 - SA - 70	

Part Op 110 - SL-154 (MORI SL-154 LATHE) 1-Machine as per DWG. FB974 FOLIO REV: _____ DWG REV: _____
 Descriptions: _____ 2-Debur

120 - (QC2- Inspect parts off machine FAI/FAIB) Engrave T/N Using Marktronic engraver as per DWG.

130 - (QC8- Inspect parts - second check)

150 - (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O to Groupe Altech: PO042570-ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required

160 - (Receive & Inspect for Damage & Mat'l Certs)

170 - (QC6- All purchased or subcontracted products)

180 - (Identify as per dwg & Stock Location: _____)

190 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6R1.125	6061 Round Bar 1.125	6.9280 ft (.433 ea)	110-SL-154 - 1	5108090 5123405

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-SL-154 - 1	M6061T6R1.125	7	24	0

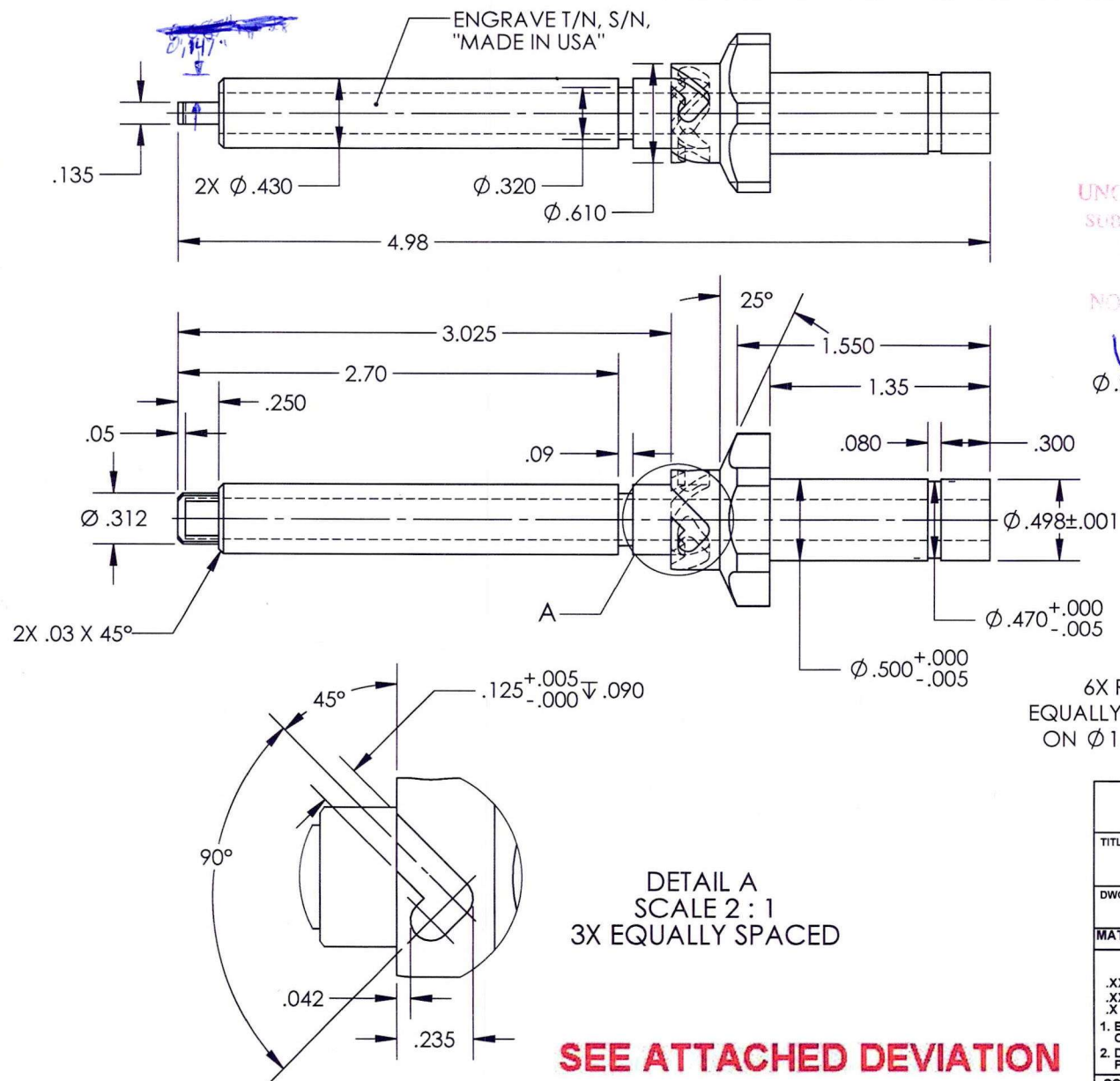
Part Specifications

Specifications could not be found.

Plex 1/18/19 10:55 AM Dart.lajeunesse.marie

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
4	INCREASED STEM LENGTH FROM .80 TO 1.35, REMOVED BARB ADDED GROOVE.	7/24/2012	JAG
5	ADDED MISSING DIM $\phi .312$, CH'D DIM WAS .125 IS .125+.005/-0.000 $\nabla .090$	2/26/2013	BIM
5A	-1 CH'D TOL. TO 2 PLC ON 1.35, .05, & 4.98, DP 4.935 TO 4.93 MAX, WAS $\phi 1.062$ IS $\phi 1.06$. CH'D NOTES WAS ENGRAVE P/N IS ENGRAVE T/N, S/N, "MADE IN USA", WAS 6X R.375 EQUALLY SPACED IS 6X R.38 EQUALLY SPACED ON $\phi 1.60$ B.C. DELETED .244, .096.	1/30/2014	JAG



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. ~~18708~~ 1105
189109 19-01-18
 $\phi .25 \nabla 4.94$ MAX

6X R.38
EQUALLY SPACED
ON $\phi 1.60$ B.C.

DETAIL A
SCALE 2:1
3X EQUALLY SPACED

SEE ATTACHED DEVIATION

RED BARN MACHINE	
TITLE T/R GEAR BOX DRAIN TOOL	
DWG NO. RB H4749-1	REV 5A
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX $\pm .005$	FRACTIONS $\pm 1/32$
.XX $\pm .01$	ANGLES $\pm .5^\circ$
.X $\pm .1$	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:1	DATE 7/24/2012
SHEET 2 OF 2	

JU - 745

DART AEROSPACE LTD		Work Order:
Description: T/R GEAR BOX DRAIN TOOL		Part Number: RB H4449-1
Inspection Dwg: RB H4449	Rev: 5A	Page 1 of 1

INSPECTION SHEET

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
0.135	+ 0.005	0.137	✓		Vernier JVO5	
0.430	+ 0.005	0.434	✓		MIP-04	vern
0.320	+ 0.005	0.320	✓		↓	↓
0.610	+ 0.005	0.607	✓		Vernier JVO5	
4.98	+ 0.010	4.982	✓		MIP-04	vern
0.312	+ 0.005	0.310	✓		"	
0.05	+ 0.010	0.051	✓		Vernier JVO5	
0.250	+ 0.005	0.248	✓		"	
2.70	+ 0.010	2.703	✓		MIP-04	vern
0.09	+ 0.010	0.093	✓			
25°	+ 0.5°	25°	✓			
1.550	+ 0.005	1.550	✓			
1.35	+ 0.010	1.350	✓			
0.500	+ 0.005	0.497	✓			
0.080	+ 0.005	0.080	✓			
0.300	+ 0.005	0.300	✓			
0.498	+ 0.001	0.497	✓			
0.470	+ 0.005	0.466	✓			
0.25	+ 0.005	0.252	✓			
4.94	+ 0.010	4.935	✓			
1.06	+ 0.010	1.058	✓			
0.125	+ 0.005	0.124	✓			
0.235	+ 0.005	0.235	✓			
0.042	+ 0.005	0.043	✓			
0.090	+ 0.005	0.086	✓			
45°	+ 0.5°	45°	✓			

Measured by: [Signature]	Checked by: [Signature]	QC Inspector:
Date: 19/02/02	Date: 19-02-09	Date:

Engineering Approval: (If necessary)	Date:
--	--------------

Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S150338



Part: RB H4749-1

Job No: 189109

Serial No/Batch: S150338

Revision: 5A

Inspector:

Exp Date:

Instructions:

Date: 02/03/19



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO042570



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO042570
PO Date: 2/11/19
Due Date: 2/15/19
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments: ** Need for Feb.15, please confirm if ok **

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	189027	RBT18632-1	Cup Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O to GROUPE ALTECH PO: -- ANODIZE COLOR BLACK, PER IAW MIL- A-8625F TYPE 2 CLASS 2, Water sealant -Material type; - Certificate of Conformity is required	Firmed	-	2/15/19	10 pcs	0 pcs	10 pcs	\$6.00/pcs	\$60.00
2	189028	RBT18632-11	Press Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O to GROUPE ALTECH PO: -- ANODIZE COLOR BLACK, PER IAW MIL- A-8625F TYPE 2 CLASS 2, Water sealant -Material type; - Certificate of Conformity is required	Firmed	-	2/15/19	10 pcs	0 pcs	10 pcs	\$6.00/pcs	\$60.00



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042570



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	189109	RB H4749-1	Drain Hose Body (Outsource process- Anodize per QSI017 4.1.10.1) -Issue P/O to Groupe Altech: PO -ANODIZE COLOR RED, PER IAW MIL-A- 8625 TYPE-2 CLASS- 2, Water sealant -Certificate of Conformity is required	Firmed - X17		2/15/19	17 pcs	0 pcs	17 pcs	\$3.2432432/pcs	\$55.14
4	189211	RBT18660-1	Quill Outsource process- Anodize per QSI017 4.1.10.1) - -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A- 8625 TYPE-2 CLASS- 2, Water sealant -Certificate of Conformity is required	Firmed - X8		2/15/19	8 pcs	0 pcs	8 pcs	\$3.2432432/pcs	\$25.95
5	189805	RBE703A95- 0520-01-1	Quill Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1) - Issue P/O: PO -ANODIZE COLOR RED, PER IAW MIL-A- 8625 TYPE-2 CLASS- 2, Water sealant -Certificate of Conformity is required	Firmed - X12		2/15/19	12 pcs	0 pcs	12 pcs	\$3.2432432/pcs	\$38.92
Grand Total:											\$240.00



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042570



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retension of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 2/12/19 9:16 AM dart.isimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(016765-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

016765- 1

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
18-Feb-2019		Aman		PO042570				
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Quantités / Quantities Comm. Exp. Qté NC/ Qté À venir/ /Ordered Shipped NC Qty Scrap/ Back Order				
1	RBT18632-1 Rev.	RBT18632-1 01-ANO-BLACK [ANODIZE BLACK] MIL-A-8625F TYPE 2 CLASS 2	ANODIZE CH	10	10	0	0	0
2	RBT18632-11 Rev.	RBT18632-11 01-ANO-BLACK [ANODIZE BLACK] MIL-A-8625F TYPE 2 CLASS 2	ANODIZE CH	10	10	0	0	0
3	RB H4749-1 Rev.	RB H4749-1 01-ANO-RED [ANODIZE RED] IAW MIL-A-8625 TYPE 2 CLASS 2 WATER SEALANT	ANODIZE CH	17	17	0	0	0
4	RBT18660-1 Rev.	RBT18660-1 01-ANO-RED [ANODIZE RED] IAW MIL-A-8625 TYPE 2 CLASS 2 WATER SEALANT	ANODIZE CH	8	8	0	0	0
5	RBE703A95-0520-01-1 Rev.	RBE703A95-0520-01-1 01-ANO-RED [ANODIZE RED] ANODIZE COLOR RED PER IAW MIL-A-8625 TYPE 2 CLASS 2 WATER SEALANT	ANODIZE CH	12	12	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness
Inspecteur Qualité
Quality Inspector
Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.